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EXAMINER
HO, C

ART UNIT	PAPER NUMBER
2757	12

DATE MAILED: 08/18/99

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

☒ Responsive to communication(s) filed on _Jun 14, 1999_ .

☐ This action is **FINAL**.

☐ Since this application is in condition for allowance except for formal matters, **prosecution as to the merits is closed** in accordance with the practice under _Ex parte Quayle_, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire ___three___ month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

☒ Claim(s) _1-23_ is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

☐ Claim(s) _____ is/are allowed.

☒ Claim(s) _1-23_ is/are rejected.

☐ Claim(s) _____ is/are objected to.

☐ Claims _____ are subject to restriction or election requirement.

Application Papers

☐ See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

☐ The drawing(s) filed on _____ is/are objected to by the Examiner.

☐ The proposed drawing correction, filed on _____ is ☐ approved ☐ disapproved.

☐ The specification is objected to by the Examiner.

☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

☐ Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been

☐ received.

☐ received in Application No. (Series Code/Serial Number) _____ .

☐ received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____ .

☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

☒ Notice of References Cited, PTO-892

☐ Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

☐ Interview Summary, PTO-413

☐ Notice of Draftsperson's Patent Drawing Review, PTO-948

☐ Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

DETAILED ACTION

1.   The amendment filed 06/14/1999 have been entered and made of record.

2.   As to claim 1, the Applicant argues that "Ludwig, either alone or in combination with Mirashrafi, does not teach the features present in the currently amended claims to use a call director unit and demon conference to handle the operation of the conference system". The examiner disagrees, Mirashrafi discloses CMDLL 544 (demon conference) is responsible for listening for incoming calls, notifying the user of incoming calls, and for rejecting or accepting the incoming call as specified by the user (see col.23, lines 55-65).

Claim Rejections - 35 USC § 103

3.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4.   Claims 1-23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Luwig (U.S. No.5,617,539) in view of Mirashrafi (U.S.Patent No.5,574,934).

In claims 1, 9, 10, and 17, Ludwig teaches in a computer system having a memory, a processor, and a network interface (see figure 18A). Ludwig et al. further teaches a method comprising the steps of: receiving an incoming call signal on network interface (see figure 18A).

However, Ludwig does not teach launching a call director unit to set up a demon conference component in memory.

Mirashrafie et al. , referring to figure.5, teaches audio /video conferencing application 502

support audio and video conferencing between remote locations, while data conferncing

application 504 supports the sharing of data (e.g., documents) between the remote locations. In

general, conferencing system 100 is capable of simultaneously supporting multiple applications

that support different types of conferencing services (e.g., audio/video conferencing, data

sharing); comprising:

♦   launching a call director unit to set up a demon conference component in memory (see

         col.23, lines 55-65);

♦   processing incoming call signal in demon conference component to detect an intended

         recipient application using a listen string, listen string containing an application signature

         (see col.21, lines 23-60, col.22, lines 22-53, col.23, lines 7-27);

♦   launching intended recipient application using application signature (see col.19, lines 41-

         48).

         It would have been obvious to one of ordinary skill in the art at the time invention to

combine the teaching of Ludwig, and Mirashrafi et al. to provide launching intended recipient

application using application signature so that the conferencing application can be launched only

when there is an incoming call to handle.

5.   In claims 2, 11, and 18, Mirashrafi et al. teaches parsing incoming call signal to determine a

signal type and a signal port; and determining intended recipient application based on signal type

and signal port (see col.21, lines 23-60, col.22, lines 22 - 53).

6.   In claims 3, 12, and 19, Mirashrafi et al. teaches launching intended recipient application comprises the steps of: determining intended recipient application based on a signal type and a signal port (see col.21, lines 23-60, col.22, lines 22-53). Mirshrafi et al. teaches locating intended recipient application using application signature; and signaling a process manager to launching intended recipient application (see col.21, lines 23-60, col.22, lines 22-53, see col.23, lines 7-27).

7.   In claims 4, 13, and 20, Mirashrafi et al. discloses wherein step of launching call director unit to set up demon conference component includes the steps of: loading a call processing module into memory; and initializing call processing module to process call module to process calls using network interface (see col.19, lines 17-50).

8.   In claims 5, 14, and 21, Mirashrafi et al. teaches loading a call directing component; loading a first conference component; loading a first transport component; and loading a first network component (see col.19, lines 17-50, col.20, lines 1-51).

9.   In claims 6, 15, and 22, Mirashrafi et al. teaches initializing first network component to operate with network interface; initializing call directing component to monitor for incoming call signal; initializing first transport component to receive incoming call signal; initializing first conference component to transfer incoming call signal (see col.19, lines 17-50, col.20, lines 1-51).

10.   Claims 7, 16, and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Mairashrafi et al.(U.S.Patent No.5,574,934).

        In claims 7, 16, Mirashrafi et al. teaches receiving an initialization message from intended recipient application (see col.19, lines 17-50, col.20, lines 1-51).

However, Mirashrafi et al. does not teach removing intended recipient from an internal list if initialization message does not correspond to an expected message.

It would have been obvious to a person having ordinary skill in the art to modify the combined system by removing intended recipient application from an internal list if initialization message does not correspond to an expected message because it is well known that if persistent listening is turned off for a listen string, there will be no notification of incoming calls for that listen string if the conferencing applications that handles that listen string is not loaded and executing.

11.   In claim 8, Ludwig teaches in a computer system having a memory, a processor, and a network interface (see figure 18A). Ludwig et al. further teaches a method comprising the steps of: receiving an incoming call signal on network interface (see figure 18A).

However, Ludwig does not teach call directing module.

Mirashrafi et al. discloses call directing module; a process manager coupled to call directing module, and conferencing component coupled to network interface and call directing module; where conferencing component is configured by call directory module to notify said call directing module upon receipt of an incoming call and causing call directing to signal process manager to activate a conferencing application based on a listen string and an application signature (see conferencing manager 544 (also known as CMDLL), col.19, lines 17-50, col.21, lines 23-60, col.22, lines 22-53, col.23, lines 7-27, col.25, 1-67, col.84, lines 63-67).

It would have been obvious to one of ordinary skill in the art at the time invention to combine the teaching of Ludwig, and Mirashrafi et al. to provide call directing module, a process manager, and conferencing component because the conferencing application launching only when there is an incoming call to handle.

Conclusion

12.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chuong Ho whose telephone number is (703)306-4529. The examiner can normally be reached on Monday-Friday from 9am to 3pm.

13.   If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Burgess, Glenton, can be reached on (703)305-4792.

Any inquiry of a general nature or relating to the status of this application or proceeding should be direct to the group receptionist whose telephone number is (703) 305-3900.

CH

Date 08-14-99

GLENTON B. BURGESS
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